

TWO NORTH POLES!

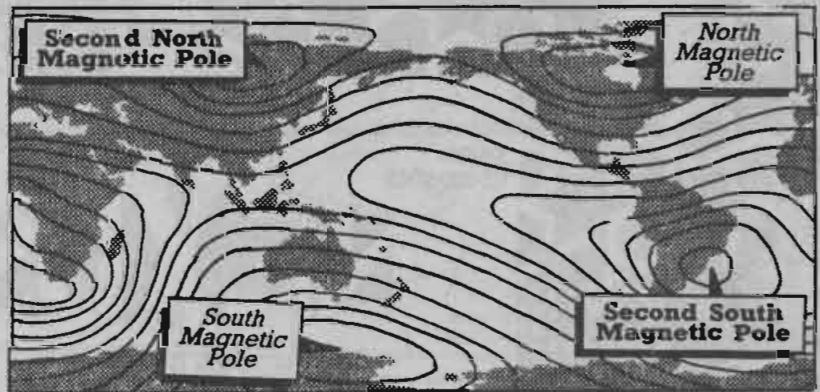
A long-term study has shown that the Earth's magnetic field is growing weaker and that a new set of poles are forming.

The International Association of Geomagnetism and Aeronomy (IAGA) has found that the planet's main magnetic field has diminished by 10% over the last 140 years. Their reading of magnetic maps and field contour lines makes a reversal of the poles in a (geologically) short time quite likely.

Since 1985 a new pair of poles have been emerging on magnetic maps; a new north pole centred on Siberia and a new southern one at South America (the two more familiar poles are currently centred on Canada and the Southern Ocean between Australia and Antarctica).

"It seems very likely that if the reduction in strength continues, the northern and southern hemispheres will each have a north and south magnetic pole," said Associate Professor Denis Winch of Sydney University's department of applied mathematics who has been involved in the IAGA study since 1969.

Global magnetic field reversals have occurred every 50,000 years on average - but the last such reversal occurred about 700,000 years ago, leading to speculation that one is long overdue.



SUSPENDED ANIMATION BREAKTHROUGH

In a step towards the stars, a dog has become the highest mammal (so far) to be frozen to the point of 'legal' death and thawed out again.

Miles, a three-year old beagle (named after Woody Allen's character in his cryogenic comedy film *Sleeper*) was anaesthetised and had his temperature lowered to 20°C before his blood was removed and replaced with a clear synthetic fluid which won't clot at low temperatures.

Research physiologists Hal Sternberg and Paul Segall (from the University of California at Berkeley) then lowered Miles' temperature to 10°C, keeping him there for an hour before reversing the process and reviving him.

The new clear fluid gives surgeons a better view during operations and is seen as a step toward 'suspended animation' (hibernation) for long space flights (one wonders about side-effects).

The two researchers believe it could also be a breakthrough in the field of cryogenic suspension. If a human being could be frozen for the future, they say, "someone who has a disease can be cured. Or someone who's depressed could opt to be frozen rather than commit suicide. Or maybe somebody wants to live in a future time."

Be here then?

AID CUT IN N.T.

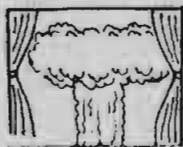
All Northern Territory Government services except water have been cut off to 334 communities, made up of 6,035 Aboriginal people from the 'Homelands' movement.

A huge outcry has erupted over the Territory Government's plans, announced in its June mini-budget. Barry Coulter, the Territory Treasurer, claimed in Parliament that the 22,000 N.T. Aborigines were the richest people in Australia because of mining royalties.

As a result of the decision, government services to the *Homelands* communities ranging from health and education to roads, toilets and electricity will be completely cut.

The Labor Opposition said that the appalling death rate of remote area Aborigines (already living in Third World conditions) will increase.

John Ah Kit, Northern Land Council Director, said the poorest people in the Territory are the victims of vicious and racist attacks.





DEPARTMENT OF TRUTH

The US Congressional Committee hearings on the Iran-Contra scandal have thrown some interesting light on the activities of the CIA.

One witness, Mr Glenn Robinette, who worked for twenty years in the CIA's 'technical services', told the committee that this CIA division was in the business of issuing false documents.

Meanwhile, a memo obtained by *The Miami Herald* outlined plans by Lieutenant-Colonel Oliver North and other officers to **suspend the US Constitution and place the country under martial law** in the face of a national crisis - such as an uprising by black militants or a nuclear war.

LIVE ORGANS FOR SALE

Organs have been removed from live patients for illegal sale to hospital transplant teams in Sao Paulo, Brazil. Dr Roosevelt Kalume, director of the medical science faculty of Taubate University, claims that doctors have been practicing euthanasia to remove the organs.

Eleven year old Sylvia Moura emerged from hospital with only one kidney after having her leg broken in a car accident.

The family of a comatose boy were visited by a woman 'parapsychologist' who claimed the accident victim wanted his parents to donate his organs to others; the family 'donated' fifteen year old Helder Faria's cornea, kidneys, liver and heart.

The operations were carried out on Sunday mornings when supervision was minimal, in hospitals not authorised to perform transplants.

Eleven doctors are being investigated by the regional medical council and police.

Meanwhile in Ireland, Chief Superintendent Larry McKéon of Cork police has been investigating a report of a baby being kept alive by doctors in a Cork hospital so that its organs could be removed and donated for transplants.

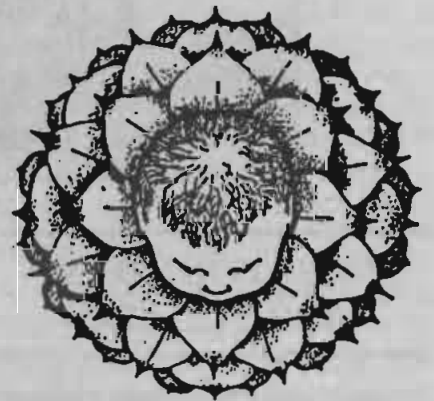
FOOD IRRADIATION UPDATE

Some good news.

The Federal Government has announced it will make no decision about the introduction of food irradiation in Australia for some months.

A concerted lobbying effort over the past year has stopped food irradiation's immediate acceptance by hasty legislation. The lesson of Plant Variety Rights legislation (which was passed by the Senate in February this year after eight years of protest) is that when lobbying actions begin to falter, the government feels empowered to introduce potentially disastrous laws such as these.

Make sure your opinions on these and other subjects are heard by the people who count (they count your letters!) - see the list of politician's addresses in this issue.



MORE HUMANS

The Freedom From Hunger campaign estimates that over 50,000 people die each day because of poverty. One billion people - one fifth of the world's population - are starving and in danger of dying.

The world's population grows by 200,000 every day - 150 people every minute, or 2.5 per second. 90% of growth has been in developing countries, according to the U.N. Population Agency.

In the last fifteen years the population growth rate has stabilised and could drop to zero in a century, when there may be ten billion people in the world.

In July the five billionth child was born on planet Earth.



RUST FOUND IN RED SQUARE

A teenage West German pilot not only flew his single-engine Cessna from Iceland to Moscow, landing opposite the Kremlin in Red Square, but he wasn't noticed by the Russians until *after* he had landed.

Nineteen year old Mathias Rust left Hamburg in a rented Cessna on May 13th. After flying to Iceland (where police searched his plane for hawk eggs which conservationists suspected him of smuggling) Rust flew via Norway and Finland, where he was spotted flying toward the Soviet border by a Finnish air-rescue centre on May 29th.

Flying in broad daylight through heavily protected Soviet airspace he arrived undetected in Red Square around 7pm, circled three times and landed on cobblestones next to the wall of the Kremlin.

"It was no more than three metres above the ground, tops," reported one American tourist who ran for cover with over 300 others when the plane circled overhead. "People were ducking all over the place."

Rust climbed from the cockpit and said in English; "I've flown in as a fighter for peace. I'm a fighter for peace." He talked with tourists and signed a few autographs as children climbed over the white plane before he and a female companion were arrested by dumbfounded security men.

"It appears this involves a pilot who has made a [navigational] mistake", said a West German government spokesman. The President of Aero-Club Hamburg, who own the rented Cessna, said Rust's hopes of becoming a professional pilot were "no longer possible. He... will not be allowed to fly again."

No aircraft are allowed to fly over central Moscow, whose three airports are located a good distance from the city, which is guarded by anti-aircraft guns and ballistic missiles. No other aircraft has ever landed in Red Square.

Soviet military intelligence officers have been questioning Rust for months to find how he managed to avoid detection during his 900km flight from Finland.



WHALE & DOLPHIN SLAUGHTER

An independent group set up in 1985 to monitor the hunting methods of Eskimo fishermen on the Faroe Islands in the North Atlantic have found that they are still violating their agreement with the International Whaling Commission (I.W.C.).

The hunters cruelly slaughter thousands of dolphins and pilot whales every year. Officials from the London-based group *The Environmental Investigation Agency* witnessed a hunt in which one whale was gaffed (stabbed with a curved, barbed harpoon) ten times before it died; another was gaffed through the eye. The whales frequently take hours to die.

Other reports tell of pregnant whales aborting and giving birth during killings. The agency said it may instigate an international boycott of the islands' seafood exports unless the islanders undertake drastic steps to reduce the hunt slaughter.

According to the I.W.C. agreement, the Faroe Islanders can continue their traditional hunts provided they limit the use of gaffes and other inhumane practices.

STAR WARS, STAR PEACE

Pentagon documents show that the US has developed the use of radio frequencies which can destroy military communications, jets and missiles (without explosions) and cause dizziness, confusion and unconsciousness in humans.

US Defence Department planners are worried that the Soviet Union (SU) could develop their own microwave and millimetre wave radio frequency technology which could be used against US computers, planes, tanks and missiles.

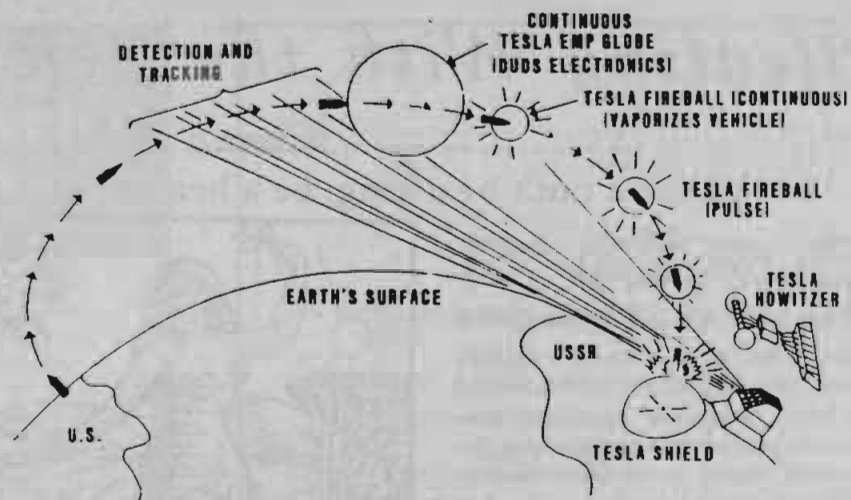
Military analysts call the difference between US and SU radio frequency capabilities 'the zap gap'.

Vitaly Goldansky, a member of the Soviet Academy of Sciences and the Committee of Scientists for Peace, recently told a Moscow news conference that the SU can deploy cheap and effective countermeasures to neutralize the offensive capabilities of the US Star Wars system.

In August last year, Soviet Chief of Staff Marshall Sergei Akhromeyev said: "If it is necessary we will find a quick answer and it will not be the way the US expects it. It will be an answer that devalues the 'Star Wars' program".

Many new weapons systems are deployed years or even decades before the public becomes aware of their existence - the Soviet Union developed the neutron bomb in 1961, 15 years before it was made public with US testing. It was called the 'death ray bomb'.

Tom Bearden (a retired Pentagon war games expert) says that defences against Star Wars are possible using the discoveries of electrical pioneer Nikola Tesla, who invented the radio and AC electricity. Tesla's technology, which uses radio waves called 'scalar waves', has both offensive ('scalar howitzer') and defensive ('Tesla Shield') applications.



BEARDEN'S IDEA OF A SCALAR WAVE-TESLA HOWITZER IN ACTION. IMAGINE THIS SYSTEM HOVERING ABOVE OUR PLANET IN SPACE--THE U.S. MILITARY WOULD RATHER THAT YOU DIDN'T. NOTE THE TESLA SHIELD AT THE BOTTOM OF THE DRAWING. A TESLA SHIELD IS ESSENTIALLY A SCALAR ENERGY BOTTLE WARPED AROUND AN OBJECT, SUCH AS THE SCALAR HOWITZER ITSELF OR EVEN A CITY, CREATING AN IMPENETRABLE FORCE FIELD.

SCALAR HOWITZER

With the 'scalar howitzer', two scalar waves meet in an interference zone producing an 'energy bottle' - reported to be like a miniature atomic explosion without the radiation. All matter within the energy bottle is disintegrated in a so called 'cold explosion' (see last issue for *Arctic Mystery Clouds*).

The 'Tesla Shield' is a scalar wave 'force field' which can be warped into a dome around houses or whole cities. Bearden says that Tesla shields are the only defence against scalar howitzers and also give protection from nuclear attack by disintegrating incoming missiles (remember Reagan's 'Umbrella of Protection'?).

Just before his death in 1943, Tesla said of his shield:

"It will revolutionize the relations between nations... If no country can be attacked successfully, there can be no purpose in war... The solution of our problems does not lie in destroying, but in mastering the machine".

[Also See *EARTHGRID* in this issue - Ed]

SCALES TIPPING

Last year the US foreign debt doubled for the first time since 1914. By 1990, interest payments alone will be costing America \$40 billion a year - yet as recently as 1982 the US was the world's largest creditor nation.



SUNKEN TREASURE

Seeds recovered from a sunken treasure ship have sprouted after 365 years on the ocean floor.

The *Atocha*, a Spanish Galleon, sank off Florida in 1622 and was covered by a thick coat of mud; the seeds survived immersion because of the mud's natural preservative properties and were sprouted recently in Florida.

Healing With the Female Principle

Alanna Moore

"If you can't be a king, be a healer." - Sinhalese saying from Sri Lanka



When health and healing were in the hands of the people, a free and spirited society lived in harmony with itself and the Earth. Gods and goddesses provided empowering archetypes and Nature held respect as the Great Mother: creative, nurturing, healing

- and destructive when necessary.

In Europe the goddess was to suffer a cruel fate. Over a thousand years ago, the patriarchal era wrought traumatic changes. Tearing at the fabric of Pagan society, feudalism was imposed. The old Christian Church and land-holding nobilities wielded bloodthirsty control over the Pagan peasants, who cherished their sacred connection with the land and staunchly opposed the social changes of their times.

To quell their defiance the Inquisition was imposed, a genocide lasting over three hundred years. Up to nine million souls were burned at the stake, 85% of whom were women and children. Often their only stated crime was that of healing or midwifery. This alone proved threatening to the Church.

Why? The village healers were respected by the community because of their wise guidance and use of inner power - and their knowledge of local herbal remedies.

They worked 'the ways of the wise-craft' with compassion, accepting the evidence of their senses and trusting their intuition. The warrior within them would not stand for injustice; the well-being of an individual could not be separated from that of society at large.

The Church deemed that only their god could sanction healing, that women were inferior to men and that they must produce plenty of children as work and militia fodder.

As the witch-healers knew the secrets of birth control, they had to be stopped - a woman's right to choose the time to have her child existed no longer. The witch-midwife knew the ways of soothing labour, but the Church deemed that the mother must suffer during childbirth as a punishment for Eve's 'original sin'.



WOMENS' HOLOCAUST

The latter-day Eve's 'crime' was to deal directly with bodily knowledge and to use her senses, instead of relying on the intermediary of the Church. A woman's intuition was a paramount necessity for survival, both personal and planetary.

Yet the use of women's 'right-brain' intuition still carries a stigma from that Medieval holocaust to today.

When the female principle was repressed, slavery and misery ensued. Life became mechanical, alienating and powerless. Men wielded 'power'; the people became pawns. Soldiers fought and died for violent, jealous rulers and gods.

In one way we are the inheritors of a sick world, a fractured society, a spiritual wasteland. We embrace addictions to mind-numbing crutches and beliefs in order to lessen our sensitivity to pain.

We can become deaf to the cries of our kindred and the Earth, free from the responsibility of self-awareness. When our wellbeing is threatened, our healers may demand money and control, disempowering us in our 'dis-ease'.

HEALING

Sickness truly presents a challenge. It is a transforming process which should be an empowering experience. The healing force, the wellspring which we may all tap into, has been all but forgotten. Our society desperately needs balance. Many men need to discover the goddess within themselves, just as many women need to assert the god within.



Individually it is our meditations, creative visualizations and sensitivity which help bring about healing on a grand scale - seeing life as a whole and not getting stuck in the fragments. We can learn to get in touch with ourselves, our friends and our planet with kindness and affection. It is the balanced way of using both hemispheres of the brain - combining logic and intuition.

Socially, we can express the anger of the inner warrior to right injustice and fight for fairness. We can help to bring down many archaic structures and create a new and better world.

DOWSING

For those who find the mind too subjective a realm for clarity, dowsing may provide a key to new vistas of consciousness. The dowser's pendulum can give a readout of our supersenses and intuition; a simple bio-feedback tool.

While receptivity is a requisite state, this wisdom is never passive, but rather an enthusiastic dynamic of intense concentration. Dowsing is a Western Yoga of the mind (Yoga means 'union') and provides a connectedness to all.

Many healers have adopted dowsing as a diagnostic mode, but are generally secretive about it. They are wary of the stigma of the Left, for the intuitive right brain rules the left body side; in Latin 'la sinistra' has sinister connotations. Dowsing holds much for village barefoot doctors, anarchists and natural healers. ∞

- Alanna Moore has recently written 'The Dowsing and Healing Manual', concise encyclopaedic mass of do-it-yourself information on subtle therapies and healing magic. A practical guide to seeking and finding health using the female principle - for women and men.

- Copies available by mail order from the author for \$13 postpaid to:

ALANNA MOORE,
P.O. Box 122, Leura NSW



Frankenstein or Prometheus?

GENETIC ENGINEERING

Mary Shelley's book "Frankenstein: Or, The Modern Prometheus" may have seemed far-fetched and horrific in the mid-1800s.

But it seems her story of a monster in the form of a man, made from a patchwork of human spare parts and given life with an electric current is becoming a normal part of modern medicine.

Soon amputees may be able to re-grow lost limbs. Body parts could be regenerated by stimulating the genes which originally caused growth in the foetus and in childhood. This has already been achieved in mammals, with the Arizona Genetic Laboratory causing a rat to re-grow a lost leg.

In the early 1970s, techniques were developed leading to the concept of 'gene surgery'; people suffering genetic disorders could be 'injected' with new D.N.A. carrying the correct version of a malformed gene.

CHOOSING SEX

A new process for separating sperm cells into potential male or female children has been developed at Sydney University. Sperm is made up of XX and XY cells, named after their shapes; an XY spermatid makes a child male. Researcher Dr Ian White of the Veterinary Physiology Department has found a way to separate the two types of sperm cell without damaging them.

"This would have profound implications for human society," acknowledged Dr White.

The technique is also expected to have a profound effect on sheep and cattle industries.

Simultaneously, a team in Edinburgh has developed a genetic probe which can tell if a Y chromosome is present in a single sperm cell.

"We can sex sperm, there's no doubt about that," says Dr Ken Jones who leads the Institute of Animal Genetics team, which developed the probe from the genes of an Indian grass snake.

At a recent meeting of the European Society of Human Reproduction and Embryology, Professor Robert Edwards (a leading I.V.F. specialist) said he has used the probe to sex human embryos just a few days after conception. Dr Jones told the meeting that his technique should not be used to allow parents to choose the sex of their baby for social reasons.

Ray Hammond, author of *The Modern Frankenstein - Fiction Becomes Fact* (which deals with the implications of recombinant



DNA research and artificial intelligence) reports various animal gene splicing techniques and the implantation of replacement genes in two human patients to rectify a genetic blood disorder.

Genetic engineering is a technique whereby scientists snip out sections of the genetic program (located in the double helix DNA chain) and insert replacement sections from other living organisms - plant, animal or human.

'Recombinant DNA' is a technique which takes apart and recombines genetic material in any shape one chooses.

ANIMAL-HUMAN HYBRIDS

In 1984 the first new species of higher mammal was produced; a goat/sheep cross called a 'shoat', created in a culture dish by splicing together the two animals' strands of D.N.A.. The resulting embryos were implanted into a surrogate female.

Laboratories in Australia and the US can grow human skin from a small amount of a patient's own skin. The new skin is particularly useful for burn victims and in the future we may see the emergence of Skin Banks.

Italian anthropologist Professor Brunetto Chiarelli of the University of Florence says scientists are on the verge of breeding sub-human 'apemen' for menial tasks or to provide transplant organs. He claims an attempt has already been made in the US involving lab fertilization of a female chimpanzee egg with human semen; the experiments were apparently called off in the early stages.

PATENTLY HUMAN

New animal types will even be patented in the US, along lines similar to 'Plant Variety Rights' legislation.

The US Commerce Department has adopted a policy whereby animals with new traits produced by reproductive technologies can be patented and Trademarked™.

"The decision says higher life-forms will be considered and it could be extrapolated to human beings," says Charles Van Horn, director of organic chemistry and biotechnology in the US Patent and Trademark Office.

Kidney, liver, heart and lung transplants are now commonplace. Surgeons at John Hopkins Hospital in the US have made medical history by giving a new heart and lungs to one man while passing on his healthy heart to another with cardiac problems.

Even extinct animals are being resurrected. In Berkeley, California, researchers have extracted a minute sample of the genetic blueprint of a quagga - an African zebra-like creature extinct for a century - from an old piece of salt-dried muscle. They cloned (multiplied) it in a culture dish for possible implantation in a surrogate zebra.

In America there are 23,000 frozen corpses (and an unknown number in the rest of the world), each a potential cloning factory at the disposal of scientists. Mayhem could be unleashed through tailoring genetic diseases to attack specific races, creating subhuman/slave species, walking spare parts factories; the possibilities and implications are endless.

Dr Margaret Tighe, chairperson of the Right to Life Committee has said: "Human beings are being subjected to experimentation without their consent and I believe this is an abuse of human rights. One particularly distasteful aspect of this manipulating of human life in laboratories is inter-species fertilization. In the US I know that government funding has been provided for the production of a creature known as the 'Humpster', through the use of male human sperm and hamster ovum".

Genetic engineering's potential for the health or illness of human society is now being explored.

How far will we go to become our own gods or devils?

- Nissa



Land Rights Treaty

Treaty '88 Campaign

Australia was illegally stolen from the Aboriginal people two hundred years ago; no treaty was ever signed and it seems the present government will follow its predecessors and renege on its Land Rights obligations (which were undertaken after the 1967 National Referendum) - and its promises.

Now the Aboriginal people will launch embarrassing legal and moral challenges to Australia and the world. They are fed up with promises and would like something on paper. The following is from the Treaty '88 Campaign.

We the Aboriginal People restate that we are the Sovereign Owners of Australia. There have been no treaties with us and we have never ceded our Sovereignty. Our land has been invaded by a foreign power that broke International Law and its own Imperial Directive:

"You are, with the consent of the natives, to take possession...", i.e., a Treaty was to be made. Instead, in 1770, Captain Cook declared the legal lie that our land was *terra nullius*, a wasteland and unoccupied.

Our path to justice now lies in the international arena. In 1975 the International Court of Justice found that when Spain colonised the Western Sahara in 1844 it was inhabited by people organised in tribes and as a consequence the Western Sahara was not *terra nullius*. In a separate ruling it was stated that the concept of *terra nullius* stands condemned.

We pursue a Sovereign Treaty, under the Vienna Convention on the Law of Treaties, that has constitutional effect and is void if it violates fundamental principles of Human Rights, e.g. the right of a people to self-determination.

TREATY '88 CAMPAIGN: AIMS

We pursue a Treaty as the instrument to delineate our entitlement and our human rights, and enshrine our inherent rights in the Constitution and International Covenants.

OBJECTIVES

1. Effect a treaty between Aboriginals and the Australian Government.
2. Ensure inalienable freehold title over Aboriginal lands.
3. Protection of Sacred Sites.
4. Control over mining on Aboriginal lands.
5. Compensation for loss of lands to be negotiated.
6. International recognition of Aboriginals as a people.
7. Self-determination.
8. Treaty to encompass proper management and safeguarding of heritage, land & environment.
9. Establish continuous management practices for the total environment.
10. Effectively safeguard this land as a nuclear-free and peaceful country.
11. Regulate the processes of law to ensure equality, freedom, human rights and achieve those aspirations long recognised as the prerequisites for human development and peace throughout this land.
12. To meet all those objectives for human development as spelled out in the International Covenants of Human Rights. ∞

Treaty '88 Campaign

GPO Box 1101

Canberra ACT 2601

ABORIGINES FOUGHT BACK

Far from peacefully accepting white occupation of Australia, Aborigines waged a desperate but determined guerrilla war for a century to hold off the invaders, according to a new book to be published in 1988.

In *Six Australian Battlefields*, a school textbook by former Federal Immigration Minister Al Grassby and white co-writers Marji Hill and Alex Barlow (authors of teacher's guides about Aborigines), Australian history is challenged with accounts of six battles or guerrilla wars which have been ignored or misrepresented.

Four of the battles involved Aboriginal tribes; the Battle of Sydney (1797), the Battle of Parramatta (1797), the Battle of Bathurst (1824) and the Battle of Battle Mountain (1884). Most historians accept that there were *one million* native inhabitants in Australia when western 'civilization' arrived (although some estimates range up to three million). Now there are less than 200,000.

"Australia has to recognise that 800,000 people have gone," said Mr Grassby.

"It's no use pretending that they all had bad colds - the only way Australia can become a nation is to know the truth about itself."

According to the book, mass slaughter of Aborigines was not confined to Tasmania.

"This was what set up the whole conflict between whites and Aborigines in this country from the very beginning, and it has lasted until now"

They decided that Aborigines didn't manage the land and didn't qualify as human; bounties were paid for dead Aborigines and treaties were unnecessary.

To be released by Angus & Robertson in January, *Six Australian Battlefields* will also cast new light on wars between the white settlers; the Battle of Vinegar Hill (1804) and the Battle of the Eureka Stockade (1854).

"I imagine people who have a vested interest in distorting the history of Australia, whoever they might be, won't like it," said Mr Grassby. "It's designed to help the Bicentennial people by seeing to it they have the facts.

"If is going to be a truly national celebration, they've got to understand the truth."

"When Governor Phillip arrived, the Aborigines in the area had no objection to his people gathering fish, but they gave nothing back in exchange," Mr Barlow said. "Aborigines in the Port Jackson-Botany Bay area had a tradition that they could leave spears, nets and so on in camps and no-one would steal them.

"However, the convicts and troops wandered around, took artefacts and spears and walked off with them.

"This was what set up the whole conflict between whites and Aborigines in this country from the very beginning, and it has lasted until now.

"They believed that if you did such and such a thing, then you had to pay back. Up to now, we have not paid back our dues."

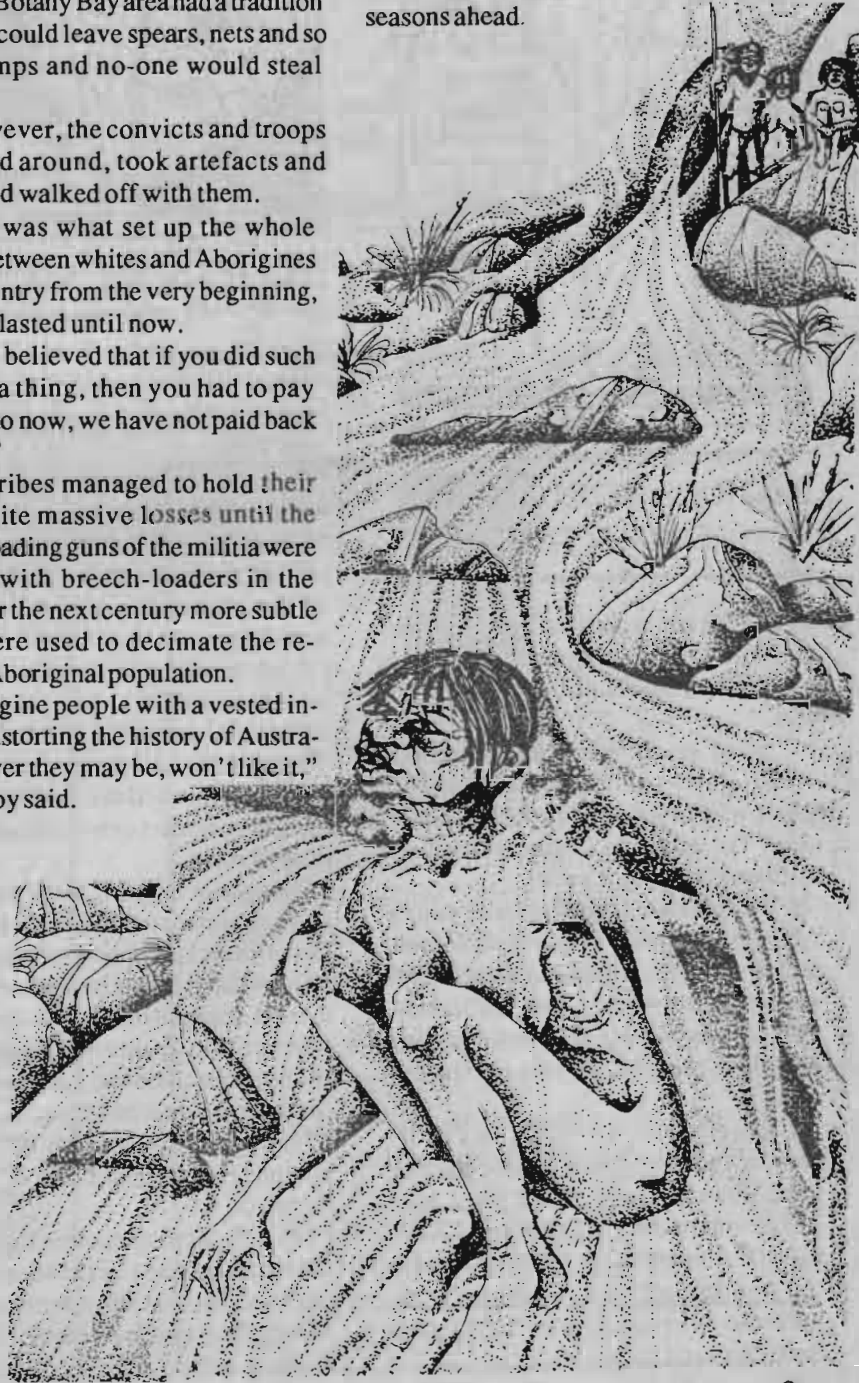
The Tribes managed to hold their own despite massive losses until the muzzle-loading guns of the militia were replaced with breech-loaders in the 1850s. For the next century more subtle means were used to decimate the remaining Aboriginal population.

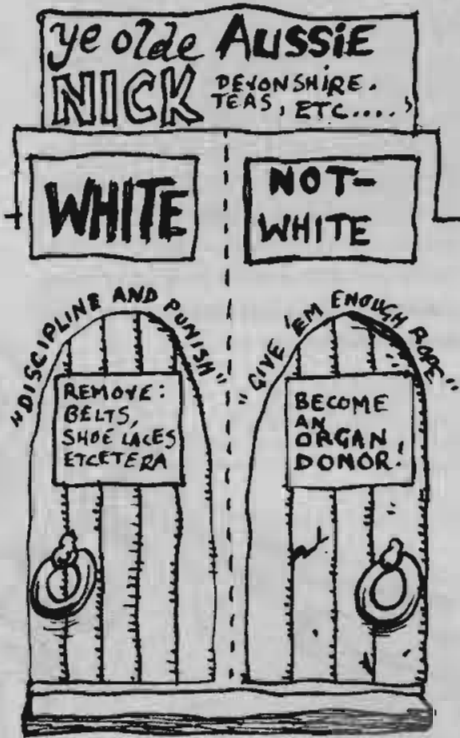
"I imagine people with a vested interest in distorting the history of Australia, whoever they may be, won't like it," Mr Grassby said.

CULTURAL IMPERIALISM

King George the Third had stipulated that if the natives of *Terra Australis* cultivated the land they would qualify for treaties and conversion to Christianity.

The first white settlers failed to recognise that the sweet, grassy pastures then widespread around the colony were the direct result of Aboriginal selective burning to improve grazing for hunting stocks (which subsequently declined to the scrub we all know today). They failed to notice that the migrating tribes **did** collect and plant seeds, planning for seasons ahead.





MORE ABORIGINALS DIE IN JAIL

In Wilcannia on June 24th, 23-year old Mark Quayle became the eleventh Aboriginal to die in police custody this year.

"How many more deaths must occur until the Federal Government will order a Royal Commission?" pleaded Jim Everett of the Tasmanian Aboriginal Centre.

The following week another young Aboriginal man died in a Queensland jail; so many Aboriginals have recently died in custody that by our publication date *eighteen* have died in Australian jails this year - most of them in Queensland.

This evidence of Australia's treatment of the Aboriginal people has not gone unnoticed by world press and governments. It will take more than a Royal Commission to provide justice for the Aboriginal people who have been treated as an irrelevant minority group in their own land for too long.

10



TENANT'S RIGHTS

- * Tenants paying under \$300 rent per week need only pay two weeks in advance. Four weeks is required for rent over \$300.
- * Rent can't be increased by the landlord without 60 days notice.
- * The right to security devices and locks which ensure the safety of the premises.
- * The right to sublet with the landlord's permission.
- * Premises must be maintained and in reasonable repair.
- * The right to apply to the Residential Tenancies Tribunal to deposit rent with the Tribunal until the landlord makes necessary repairs or remedies breaches of agreement.
- * The right of a spouse, defacto or other adult occupant to have the lease transferred under appropriate circumstances.
- * The right to full-term tenancy unless there is a breach of the agreement.
- * The right to avoid eviction if a breach has been remedied and the tenant has not persistently breached the agreement.
- * The right to apply to the Tribunal for postponement of eviction in cases of hardship.
- * The right to compensation for the value of fixtures owned by the tenant where landlord does not allow removal.
- * The right to terminate the agreement on 21 days' notice.

LANDLORD'S RIGHTS

- * The right to issue a notice of termination with the following minimum periods of notice:
 - 14 days if the rent hasn't been paid for 14 days.
 - 14 days on any breach of the agreement.
 - 31 days where the premises is being sold.
 - 60 days for any other reason.
- * The right to apply for immediate termination order and possession where tenant causes or permits serious damage or personal injury.
- * The right to give a termination notice if premises are destroyed or rendered uninhabitable.
- * The right to apply for a termination order where the contract agreement has been persistently or seriously breached.
- * The right to apply to the Residential Tenancies Tribunal for a possession order if the tenant does not vacate premises by the date specified in the notice.
- * The right to compensation from tenants if the premises are deemed to have been abandoned.
- * The right to an occupation fee in certain circumstances and to compensation where the tenant fails to comply with a possession order.
- * The right to have undue hardship taken into account by the Tribunal when determining whether or not a termination order should be suspended.
- * The right to dispose of goods left on premises deemed abandoned or where tenancy has been terminated in accordance with Tribunal directions.
- * The right to have orders enforced by Sheriff's officers with police assistance if necessary.

RUSSIAN ELECTIONS

In the first Soviet elections held during Mikhail Gorbachev's much-publicised internal reforms, the Federal Republic of Russia (largest of the Soviet Republics) elect a majority of non-Communist Party members to positions on local councils.

-Tass

STAR WARS NOW?

Leaked minutes of a National Security Council (NSC) meeting revealed in February this year that President Reagan *has* decided on an early deployment of the SDI system. President Reagan is reported by the *Washington Post* as having told the NSC meeting; "Why don't we just go ahead on the assumption that this is what we are doing? Don't ask the Soviets, tell them 'the US can move ahead'. I'll say I've reevaluated. I see the price tag and I'm willing to pay."

The leaked minutes have embarrassed European readers who are hoping for greater arms control during the remaining years of the Reagan Administration. British Prime Minister Margaret Thatcher has prided herself on holding Mr Reagan to the 1972 ABM Treaty.

According to the leaked documents, Secretary of State Charles Schultz is the only senior member of the Administration to have opposed making a decision about early deployment of SDI.

President Reagan's special arms control adviser, General Edward Rawny, said in March this year that "dramatic progress in research" into kinetic energy weapons would enable deployment of a partial Star Wars defence system by 1994. Defence lawyers were working to create a "broader" interpretation of the 1972 ABM Treaty which currently disallows testing of such systems.



REACTORS IN SPACE

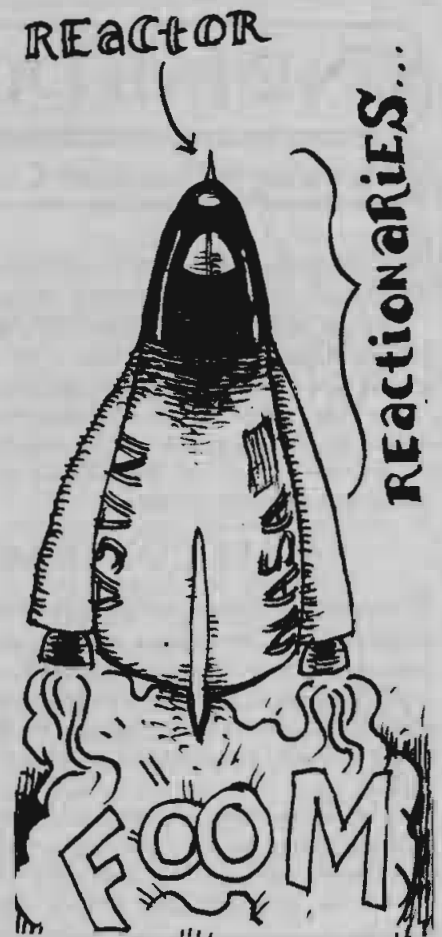
The US Department of Energy has put forward a proposal costing US\$70 million this year for an initial development programme for placing new mini-nuclear reactors in space. If developments go ahead under the SDI program, the \$1 billion required for the project will come from public money.

The compact power sources being proposed would enable the continuous delivery of 250 megawatts for several years in orbit. This is needed for SDI nuclear-driven energy weapons, such as x-ray lasers. The Soviet Union already have at least 40 small Uranium-235 powered reactors in space (Four have crashed to Earth, including the Cosmos satellite which crashed in Canada in 1978 - a failure rate of one in ten).

According to the Department of Energy proposal, the prototype would be ready for ground testing by 1990 and for its first flight in 1993. These systems are extremely vulnerable to attack - one critic has said that, if damaged, it would result in the "fastest core meltdown in history".

US Senator Edward Markey (Chairman of the Energy Conservation and Power Subcommittee) accused the Department of Energy of "seeking to corrupt and militarise peaceful civil research".

Nexus New Times Two



STAR WARS OZ

Professor Desmond Ball, head of the Strategic and Defence Centre at the Australian National University, says that the joint American-Australian installation at Nurrungar in South Australia has been used as part of President Reagan's SDI program, despite claims by the Prime Minister, Mr Hawke.

Nurrungar is the ground station for the US Defence Support Program (DSP) early warning satellite which monitors Soviet missile and satellite launches. More than 6,000 Soviet launches have been recorded at the Nurrungar base since the station started operation in 1971, according to Professor Ball. ∞

ONE JAB DOES IT

ADVANCES IN VACCINE CONTRACEPTION

Scientists throughout the world continue to seek ways to prevent unwanted people making untimely appearances.

The pill, diaphragms, condoms, coils, moon cycles, herbs, the Billings Method, abortion and now a jab; the list of methods is growing as we seek better, safer contraception.

Dr. Peter Griffin of the World Health Organisation is conducting trials on 30 Adelaide women with a vaccine that prevents pregnancy for up to two years. So far the results are good - although potential side-effects are as yet unknown.

MALE CONTRACEPTIVE

Researchers at Monash University and Prince Henry's Hospital in Melbourne have developed a sensitive method of detecting the hormone *inhibin*. This alters both male and female fertility by regulating the hormone responsible for ovulation and sperm production (follicle stimulating hormone - F.S.H.). If used as a male contraceptive it could stop sperm production without affecting male libido.

The body produces tiny amounts of inhibin. It has been difficult to manufacture, but *Biotechnology Australia* has purified the hormone and can clone the human genes which produce it. Genetic engineering techniques can produce large amounts relatively cheaply.

Artificial wombs and knowing if you're pregnant the next morning are not far away. A research team headed by Dr. Brian Baldo at Sydney's Royal North Shore Hospital has scored an international breakthrough which allows a hormone-like substance called PAF to be detected. PAF is released almost immediately after fertilization and its production is necessary for establishing pregnancy.

A connection could also be established between deficiencies in this hormone and infertility. It can be detected less than 24 hours after conception.

PAF has a wide range of biological effects and is linked with a host of diseases. The breakthrough is expected to lead to new diagnostic techniques for heart disease, stomach ulcers, asthma, rheumatoid arthritis, septic shock and other illnesses.

ARTIFICIAL WOMBS

Within the next 25 years we may see artificial wombs used to grow a full-term pregnancy. The two ends of the scale are coming together - babies can live in incubators to 20 weeks (half way through gestation) and scientists can grow an embryo in the laboratory for at least 9 days - some say weeks.

Although sounding like science fiction, the implications are complex and real. Women about to undergo chemotherapy or radiotherapy could have her eggs removed and banked (egg banks will be a reality in two to three years); women having hysterectomies, working in hazardous environments (chemicals or radiation) or with dysfunctional uteruses or none at all could benefit.

We are seeking new ways to have babies and new ways of saving babies and new ways of preventing them. While many scientists and doctors devise ways to interfere with nature, She is a force and law unto Her own. ∞

- Nissa

REASONS

REALITY RESENTMENT - A LOOPHOLE...

Heroin is like a loving hug, a long embrace of emotional security. Methodone is a longer, but less satisfying embrace, like the hug of a distant relative.

I think my junky behaviour has been that of an immature child. It's as though every hit I had was a way of punishing people for not loving me enough, or not paying enough attention. It was as though every taste was revenge on my parents or friends for failing me somehow.

I fell into a cynical denial of all higher motivations, consigning them to the same pit that held Santa Claus and the Easter Bunny.

The first time it happened, I soon woke up to myself, dried out and got my life back together.

A couple of years later, when a true love left me, I began the punishment program again. Punishing myself for not being good enough. Wallowing in self-pity and negativity.



Heroin is a substitute for self-esteem. The classic 'dependent personality' includes anyone who feels at all inadequate. It fills their emotional vacuum. Who needs self-esteem when they've got heroin, or even methadone? It's nice and safe wrapped in cotton wool, isn't it?

"All right then!" I thought, "The world's a mean, unfair and nasty place. Well, I'll show the world just how mean, unfair and nasty I can be!"

And I was.

Young women, slow drugs and fast money; at first there was lots of money. But I fell from favour with my supplier and soon consumed all my assets. I became a street junkie, scrounging for my daily drugs.

When I had no money left, my health was suspect, pretty women were interested no more and I was thieving and scamming for every sugar-tainted taste I could get, a young girl did come looking for me.

Years had flown. The young girl was a daughter of mine I'd never met. She wanted to meet her father. Me. A scumbag street junkie, unnaturally thin, somehow sallow and grotty.

A sorry sight.

I knew then what I must have looked like to her eyes, and I had no expectation that she, either, would love me for myself, but she did. It made all the difference in the world to me.

With an altered attitude, my life changed. It's obvious that if you understand the problem, then you're half-way to solving it. Try it. It's important.

Don't let those little subconscious 'deals' you make with yourself inside your head screw up your whole life. ∞